

SPAN WIRE LOADING NOTES:

Span wire shall be installed with 5% sag, under dead load, and shall be adjusted on the poles to provide the proper mounting height indicated. For installation of a single span (inline) or where pole clamp positions vary by more than six inches (6") a two-piece 180 degree separation clamp shall be used. Where the pole clamp positions are within the six inch (6") value a four-piece 90 degree separation clamp shall be used.

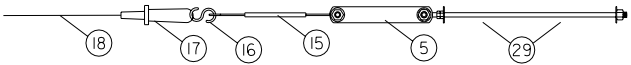
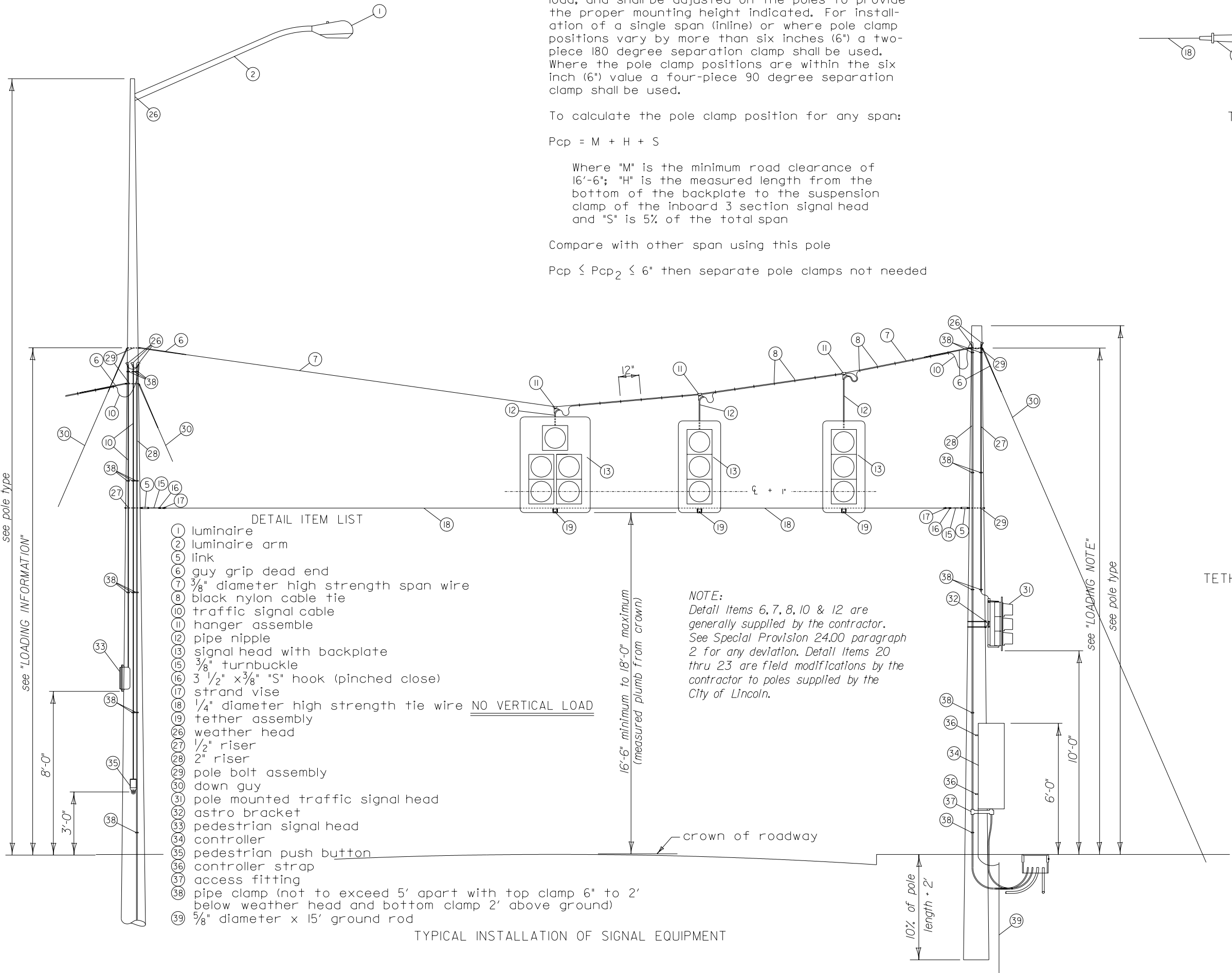
To calculate the pole clamp position for any span:

$Pcp = M + H + S$

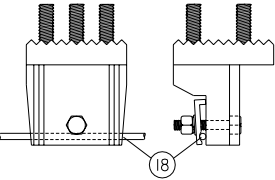
Where "M" is the minimum road clearance of 16'-6"; "H" is the measured length from the bottom of the backplate to the suspension clamp of the inboard 3 section signal head and "S" is 5% of the total span

Compare with other span using this pole

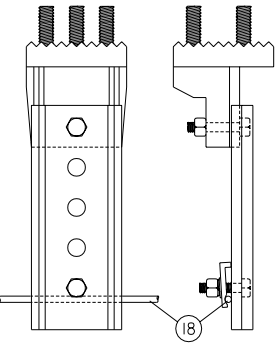
$Pcp \leq Pcp_2 \leq 6"$ then separate pole clamps not needed



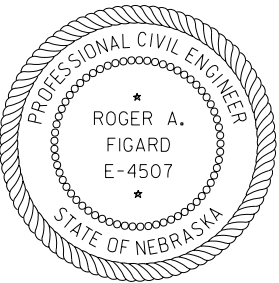
TIE WIRE SAFETY RELEASE



TETHER ASSEMBLY



TETHER ASSEMBLY WITH EXTENTION



REVISIONS			TRAFFIC SIGNAL WOOD POLE INSTALLATION	
NO.	BY	DATE		
1				
2				
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8				
9				
10				
			CITY OF LINCOLN, NEBRASKA OFFICE OF THE CITY ENGINEER	
			Date: 2-03 / CAW Scale: None	
			No. Sheets: 1 Sheet No. 1	
			PLAN NO. L.S.P. 88	